

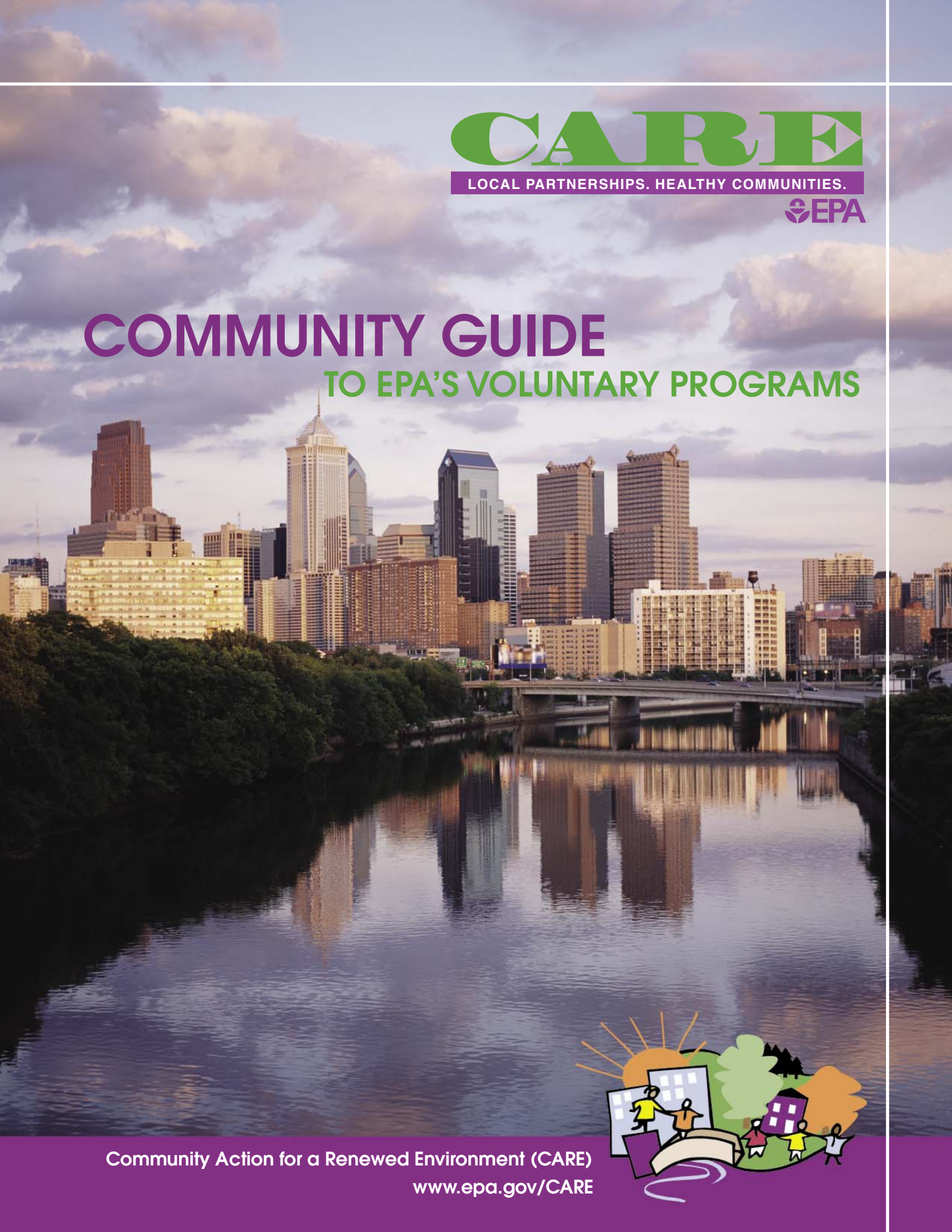


LOCAL PARTNERSHIPS. HEALTHY COMMUNITIES.



# COMMUNITY GUIDE

## TO EPA'S VOLUNTARY PROGRAMS



Community Action for a Renewed Environment (CARE)  
[www.epa.gov/CARE](http://www.epa.gov/CARE)



# About CARE

The Community Action for a Renewed Environment (CARE) program, sponsored by the Environmental Protection Agency (EPA), is a competitive grant program that offers an innovative way for communities to take action to reduce toxic pollution. Through CARE, communities create local collaborative partnerships that implement local solutions to reduce releases of toxic pollutants and minimize exposure to toxic pollutants.

EPA helps CARE communities assess the environmental risks they face and provides access to voluntary programs to address local environmental priorities. In addition, EPA offers support for communities to develop their own approaches to reducing toxics. Examples of some of the EPA voluntary programs that reduce exposure to toxics and create safer communities include programs that: reduce emissions from diesel engines, clean abandoned industrial sites, reduce emissions from small businesses operations while reducing costs, improve the indoor environment in schools, and use pollution prevention to protect drinking water supplies.

In addition to providing CARE grant recipients with direct technical assistance, the CARE program serves as a gateway to help communities access the range of tools and resources available to develop community partnerships, undertake broad-based risk assessments, and implement actions to reduce risks. This Community Guide to EPA's Voluntary Programs is designed to help communities navigate the range of EPA programs relevant to communities and find those programs that may be most useful in addressing local priorities.

This guide will be updated annually to incorporate new EPA programs that may be of help to communities as they attempt to minimize risks posed by toxics.

For more information about CARE, please visit [www.epa.gov/CARE](http://www.epa.gov/CARE).



# Table of Contents

Adopt Your Watershed . . . . .	4
AgSTAR . . . . .	5
Best Workplaces for Commuters <sup>SM</sup> (BWC) . . . . .	6
Carpet America Recovery Effort. . . . .	7
Children’s Health Protection . . . . .	8
Clean Construction USA. . . . .	9
Clean Ports USA. . . . .	10
Clean School Bus USA. . . . .	11
Climate Leaders . . . . .	12
Coalbed Methane Outreach Program (CMOP). . . . .	13
Community-Based Childhood Asthma Programs . . . . .	14
Community-Based Radon Reduction. . . . .	16
Design for the Environment (DfE). . . . .	17
Energy Star Energy Management & Product Certification . . . . .	18
Environmental Tobacco Smoke/Smoke-free Homes . . . . .	19
Green Building Programs . . . . .	20
Green Power Partnership . . . . .	21
Green Suppliers Network . . . . .	22
GreenScapes. . . . .	23
High Production Volume (HPV) Challenge Program. . . . .	24
Hospitals for a Healthy Environment (H2E) . . . . .	25
Indoor Air Quality “Tools for Schools”. . . . .	26
Integrated Pest Management in Schools . . . . .	27
Landfill Methane Outreach Program . . . . .	28
National Clean Diesel Campaign. . . . .	29
National Environmental Performance Track . . . . .	30
National Nonpoint Source Management Program . . . . .	31
National Partnership for Environmental Priorities . . . . .	32
Natural Gas Star . . . . .	33
Pesticide Environmental Stewardship Program . . . . .	34
Plug-In To eCycling . . . . .	35
Smart Growth Program. . . . .	36
SmartWay Transport . . . . .	37
Source Water Protection Program . . . . .	38
Voluntary Diesel Retrofit Program . . . . .	39
Volunteer Water Monitoring Program. . . . .	40
WasteWise . . . . .	41
Water Use Efficiency Program . . . . .	42

# Adopt Your Watershed

[\*www.epa.gov/adopt/\*](http://www.epa.gov/adopt/)

## **Purpose**

This program offers a list of resources and other organizations that will educate and support people to have a sense of stewardship and help them to protect their local lakes, rivers, streams and other wetland areas and bodies of water.

## **Community Application**

Any community with ties to a watershed or wetland area will benefit from this program through increased public involvement and participation.

## **Program Description**

The Adopt Your Watershed campaign came under the spotlight in 2002, the "Year of Clean Water." It informs people about the various volunteer activities in their local watershed that they may participate in to help protect their local environment. Activities include monitoring, garbage cleanup, and water snapshots. There are also various forms of financial assistance available.

The National Zoo in Washington, DC adopted Rock Creek through the Adopt Your Watershed program and is attempting to bring it back to a healthy and diverse ecosystem. Through monitoring and other volunteer activities, they are trying to bring the blueback and alewife herrings back to sustainable levels. These fish return from the Chesapeake Bay annually. The Zoo has also begun removing obstacles that are prohibiting the herring's migration route.

## **Contact Information**

Patty Scott  
Office of Water  
(202) 566-1292  
[scott.patty@epa.gov](mailto:scott.patty@epa.gov)

# AgSTAR

[www.epa.gov/agstar](http://www.epa.gov/agstar)

## Purpose

AgSTAR is an outreach program designed to reduce methane emissions from livestock waste management operations by promoting the use of biogas recovery systems.

## Community Application

Any community with confined animal feeding operations wishing to reduce methane emissions would benefit from this program.

## Program Description

The program encourages the use of methane recovery (biogas) technologies at the confined animal feeding operations that manage manure as liquids or slurries. These technologies reduce methane emissions while achieving other environmental benefits. AgSTAR provides an array of information and tools designed to assist producers in the evaluation and implementation of these systems including hotlines, conferences, and collaborating with federal and state renewable energy, agricultural, and environmental programs.

Since the establishment of the program in 1994, the number of operational digester systems has doubled. This has produced significant environmental and energy benefits, including methane emission reductions of approximately 124,000 metric tons of carbon equivalent and annual energy generation of about 30 million kWh.

## Contact Information

Paul Gunning  
Office of Air and Radiation  
(202) 564-9736  
[gunning.paul@epa.gov](mailto:gunning.paul@epa.gov)





# Best Workplaces for Commuters<sup>SM</sup> (BWC)

*[www.bestworkplacesforcommuters.gov](http://www.bestworkplacesforcommuters.gov)*

## **Purpose**

BWC is a public-private sector voluntary program designed to help promote employee commuter benefits. This program offers national recognition for companies that adopt innovative solutions to commuting challenges faced by their employees.

## **Community Application**

Any community wishing to increase awareness of responsible commuting habits and recognize businesses and companies who promote alternative modes of transportation would benefit from this program.

## **Program Description**

EPA assists participating employers by offering national recognition and promotion, technical assistance, training, Web-based tools, and forums for information exchange. The program highlights the efforts of many top employers to help get employees to work safely, on time, and free of commute-related stress. It provides the tools, guidance, and promotion necessary to help U.S. employers of any size incorporate commuter benefits into their standard benefits plan, reap financial benefits, and gain national recognition.

The North Central Texas Council of Governments (NCTCOG) is proud to be one of the nation's Best Workplaces for Commuters<sup>SM</sup>. NCTCOG offers an outstanding package of commuter benefits to their 213 employees. NCTCOG employees are eligible to receive up to \$2.00 per day for non single-occupancy vehicle use. Other benefits include tele-work programs, variable schedules, carpool matching, and Emergency Ride Home. In addition to offering outstanding commuter benefits to their own employees, NCTCOG is a member of the North Texas Clean Air Coalition, a group of organizations formed in 1993 to educate North Texans about air quality. This coalition was instrumental in promoting Best Workplaces for Commuters to employers in the region and was able to help 32 employers qualify for the Best Workplaces for Commuters list in 2004.

## **Contact Information**

Lucie Audette  
Office of Air and Radiation  
(734) 214-4850  
[audette.lucie@epa.gov](mailto:audette.lucie@epa.gov)

# Carpet America Recovery Effort

[www.carpetrecovery.org](http://www.carpetrecovery.org)

## Purpose

Carpet America Recovery Effort is a voluntary initiative of the carpet industry and government to prevent carpet from burdening landfills. The program focuses on developing carpet reclamation and recycling methods.

## Community Application

Any community with a need to decrease the volume of waste entering landfills will benefit from this program.

## Program Description

Carpet America Recovery Effort is a joint industry-government effort to increase the amount of recycling and reuse of post-consumer carpet and reduce the amount of waste carpet going into landfills. The program's mission is to foster market-based solutions for recovering value from discarded carpet to meet specific goals. To accomplish its mission, the program facilitates, advises, provides resources, and serves as a forum for the many different stakeholders. Types of assistance include business development, recovery, and product and market development.

Blue Ridge Recycling recently received a \$23,250 grant from the Carpet America Recovery Effort to assist in the development of a landscaping-type stepping stone product manufactured from shredded post-consumer carpet using a compounder and compression molding technique. This is only one of the innovative ways communities can recycle carpet.

## Contact Information

Julie Rosenbach  
Office of Solid Waste and  
Emergency Response  
(703) 308-6241  
[rosenbach.julie@epa.gov](mailto:rosenbach.julie@epa.gov)



# Children's Health Protection

*<http://yosemite.epa.gov/ochp/ochpweb.nsf/homepage>*

## **Purpose**

This program builds community capacity in children's health protection.

## **Community Application**

Any community hoping to address environmental health risks to children, who are especially vulnerable.

## **Program Description**

The Office of Children's Health Protection builds community capacity to protect children from environmental health threats by 1) providing citizens and communities with information and tools to take actions to protect children, 2) supporting community actions to protect children, 3) raising awareness among health care providers about the risks to children's health, 4) engaging youth in children's environmental health protection, and 5) working with states to develop programs to address children's environmental health issues.

Providence, RI, the 2005 Children's Environmental Health Award Winner, has a lead poisoning rate twice the national average. In 1992, the Childhood Lead Action project was developed to eliminate childhood lead poisoning in Rhode Island communities through education, parent support, and advocacy. The project has expanded into four effective initiatives that educate and increase awareness about lead hazards. The Rhode Island Lead Collaborative is a skills-building initiative for lead educators dedicated to increasing community capacity for organized prevention, and it is credited with overseeing implementation of the state-required three-year lead education plan. The Lead Hazard Awareness program focuses on vulnerable communities and conducts door-to-door outreach, public and private presentations, and training. The Lead Safe House Party initiative raises awareness in at-risk neighborhoods through a unique "Tupperware-style" approach; through house parties, participants learn prevention strategies and are encouraged to share information with family and friends. Finally, the Lead-Safe RI! training program seeks to train property owners and professionals about lead-safe work practices, community notification rules, and inspection procedures. Demonstrating the success of these initiatives, between 1994 and 2003, state-wide lead poisoning rates have dropped from 18% to just 3%.

## **Contact Information**

Joanne Rodman  
Office of Children's Health Protection  
(202) 564-2188  
[rodman.joanne@epa.gov](mailto:rodman.joanne@epa.gov)



# Clean Construction USA

*<http://www.epa.gov/cleandiesel/>*

## **Purpose**

The goal of Clean Construction USA is to reduce the exposure of the public to diesel exhaust from diesel construction equipment by encouraging the replacement or retrofit of in-use equipment with newer emissions control technologies.

## **Community Application**

Any community wishing to reduce exposure to toxic diesel exhaust from construction sites and equipment would benefit from this program.

## **Program Description**

The program has a four pronged approach to cut down on pollution caused by construction equipment. The program aims to do this through anti-idling policies, fueling equipment with cleaner fuels, retrofitting existing equipment, and replacing the oldest engines and equipment. There are grants available at both a state and federal level which will help support communities attempting to implement these changes. Some communities and construction projects have also implemented contract specifications to require the use of cleaner construction equipment.

In March 2005, the EPA Administrator announced the award of two grants for retrofitting construction equipment at major construction projects. The Dan Ryan Expressway Project in the Chicago area and a project potentially involving hospital construction in Denver were funded as part of the National Clean Diesel Campaign. The equipment will be retrofitted with diesel oxidation catalysts that use a chemical process to break down pollutants in the exhaust stream into less harmful components. These catalysts can be installed on the equipment and run on regular diesel fuel. Prior success includes Boston's Big Dig Tunnel project (<http://www.masspike.com/bigdig/background/airpollution.html> and <http://www.epa.gov/otaq/retrofit/retrobigdig.htm>) and the I-95 New Haven Harbor Crossing Improvement Program (<http://www.i95newhaven.com/pooverview/enviroinit.asp>).

## **Contact Information**

Steve Albrink  
Office of Air and Radiation  
(202) 343-9671  
[albrink.steve@epa.gov](mailto:albrink.steve@epa.gov)

# Clean Ports USA

*<http://www.epa.gov/cleandiesel/ports.htm>*

## Purpose

As part of EPA's National Clean Diesel Campaign, the Clean Ports USA initiative's goal is to voluntarily reduce emissions from existing diesel engines at ports.

## Community Application

Any community wishing to reduce exposure to toxic diesel exhaust from the 2,000 ports in the country would benefit from this program.

## Program Description

The program has a three-tiered approach to cut down on pollution caused by diesel equipment at ports. The program aims to do this through: 1) operational strategies such as increased operational efficiencies, enhanced use of IT to reduce exhaust, gate improvements to avoid long periods of truck idling, and anti-idling policies for trucks and equipment; and 2) technological strategies to retrofit and replace equipment, trucks, and vessels and to use cleaner fuels. There are grant opportunities available at both a state and federal level which will help support communities attempting to implement these changes.

A terminal operator from the Port Authority of New York and New Jersey achieved 35 percent emission reduction over a two year period while increasing operations by 19 percent and saving 20 percent on fuel usage. This company voluntarily purchased certified on-highway engines that meet tighter emissions standards and feature automatic idling shut-offs as the company replaced on-dock equipment. They have also voluntarily switched their entire operation over to 500 ppm sulfur on-highway fuel that these new engines require, instead of the 3,000 ppm sulfur nonroad diesel fuel.

## Contact Information

Trish Koman  
Office of Air and Radiation  
(734) 214-4955  
[koman.trish@epa.gov](mailto:koman.trish@epa.gov)

# Clean School Bus USA

*<http://www.epa.gov/otaq/schoolbus/index.htm>*

## **Purpose**

The goal of Clean School Bus USA is to reduce both children's exposure to diesel exhaust and the amount of air pollution created by diesel school buses.

## **Community Application**

Any community wishing to reduce exposure to toxic diesel exhaust from outdated school buses would benefit from this program.

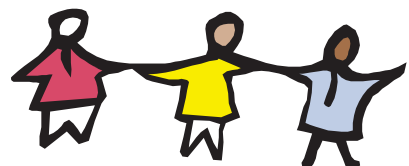
## **Program Description**

The program has a three-tiered approach to cut down on pollution caused by school buses. The program aims to do this through anti-idling policies, retrofitted buses, and replacement of the oldest vehicles. There are multiple grants and awards available at both a state and federal level which will help support communities attempting to implement these changes.

On June 14, 2004, two school districts in Michigan were awarded grants totaling almost \$200,000 which will help retrofit the older diesel-fueled buses. The buses will be retrofitted with diesel oxidation catalysts that use a chemical process to break down pollutants in the exhaust stream into less harmful components. The catalysts can be installed on any new or used bus and run on regular diesel fuel. These are only the newest grants to be awarded since the program's inception.

## **Contact Information**

Clean School Bus USA  
Office of Air and Radiation  
(734) 214-4780  
[CleanSchoolBusUSA@epa.gov](mailto:CleanSchoolBusUSA@epa.gov)



# Climate Leaders

*<http://www.epa.gov/climateleaders/>*

## **Purpose**

Climate Leaders is a voluntary industry-government partnership that encourages companies to develop long-term, comprehensive climate change strategies and set greenhouse gas (GHG) emission reduction goals.

## **Community Application**

Any community seeking to reduce greenhouse gas emissions will benefit from this program.

## **Program Description**

The Climate Leaders program strives to reduce industrial GHG emissions. By becoming a Climate Leader, companies create a record of accomplishments through EPA-approved GHG inventory guidance, receive technical assistance with inventories, are identified as an environmental leader, and gain a better ability to manage GHG emissions.

Through its aggressive focus on energy conservation, IBM has already achieved an estimated 27.7 percent absolute reduction in global CO<sub>2</sub> emissions from 1990 through 2000. We are pleased to continue our efforts to further conserve energy and reduce CO<sub>2</sub> emissions. IBM continues their efforts to reduce emissions of perfluorocompounds from semiconductor manufacturing, thanks to process innovations made by IBM engineers as well as capital investment.

## **Contact Information**

Tom Kerr  
Office of Air and Radiation  
(202) 564-0047  
[kerr.tom@epa.gov](mailto:kerr.tom@epa.gov)

# Coalbed Methane Outreach Program (CMOP)

<http://www.epa.gov/cmop/>

## Purpose

The mission of this program is to promote the profitable recovery and use of coal mine methane (CMM), a greenhouse gas more than 20 times as potent as carbon dioxide.

## Community Application

Any community seeking to improve the environmental standard of their coal mining operations will benefit from this program.

## Program Description

By working cooperatively with coal companies and related industries, CMOP helps to identify and implement methods to use CMM instead of emitting it into the atmosphere. In turn, these actions mitigate climate change, improve mine safety and productivity, and generate revenues and cost savings. Since its inception in 1994, CMOP has provided technical assistance to the coal industry by evaluating CMM recovery technologies and use options and the project economics for those options. Examples of such assistance include: providing important outreach services to keep the industry abreast of important developments through the CMM Extra, supporting international efforts to reduce CMM emissions, and identifying new and innovative technologies to use ventilation air methane.

Since CMOP began in 1994, the U.S. coal industry has captured and used 264 billion cubic feet (7.5 billion cubic meters) of CMM. This is the equivalent of removing 107 million metric tons of carbon dioxide from the atmosphere. In 2001, this provided enough energy to heat 580,000 homes and generated an estimated \$174 million in revenue through gas and power sales.

## Contact Information

Paul Gunning  
Office of Air and Radiation  
(202) 343-9736  
[gunning.paul@epa.gov](mailto:gunning.paul@epa.gov)



# Community-Based Childhood Asthma Programs

[www.epa.gov/asthma](http://www.epa.gov/asthma)

## Purpose

This program encourages and supports communities to unite resources and stakeholders to address environmental pollutants that contribute to the burden of asthma.

## Community Application

Any community seeking to reduce exposure to indoor and outdoor asthma triggers, including air toxics; to reduce asthma health care costs; and to improve the quality of life for people with asthma and their families will benefit from this program.

## Program Description

EPA strives to improve the health of people with asthma — in particular disproportionately impacted populations — by 1) increasing knowledge about the importance of working with a doctor, developing an asthma action plan, and identifying personal asthma triggers; 2) fostering acquisition of new skills and behavior changes to reduce exposure to environmental asthma triggers; and 3) impacting the type and quality of care provided to people with asthma. To accomplish this, EPA works directly with people with asthma as well as with a variety of stakeholders, including health care providers, commercial and public health insurers, state agencies, child care and school personnel, community-based organizations and coalitions.





## Community-Based Childhood Asthma Programs—continued

### ***Examples of community asthma programs supported by EPA***

Children’s Hospital of Philadelphia Community Asthma Prevention Program (CAPP): The CAPP home visit program for children with asthma and their families provides education and support for trigger management. Children enrolled in this program have fewer emergency room visits and hospitalizations for asthma (<http://www.epa.gov/iaq/asthma/pdfs/chop.pdf>). EPA tools and resources, such as the booklet *Help Your Child Gain Control Over Asthma*, are designed to meet the needs of parents with limited reading skills (<http://www.epa.gov/asthma/publications.html>).

West Carrollton City OH School District: School officials improved school environments for all staff and students, including those with asthma, by supporting good indoor air quality (IAQ) management practices. District officials fostered a proactive approach, based on EPA’s IAQ Tools for Schools program, to address IAQ complaints and problems. Absenteeism rates have declined nearly 9 percent district-wide since the program was established, and as much as 12 percent in one school. The district is now a regional resource and mentor for other schools (<http://www.epa.gov/iaq/schools/iaqtfsawards.html>).

Richmond VA Asthma Coalition: Controlling Asthma in the Richmond Metropolitan Area (CARMA) used the Goldfish Media Campaign to raise awareness about asthma and to promote the CARMA services available to Richmond metropolitan area families. The Goldfish Campaign is a collaboration between EPA and the Ad Council, and it includes public service announcements for radio and TV, billboard and transit posters, and newspaper and magazine ads, in English and Spanish. These products are available free of charge (<http://www.epa.gov/asthma/psas.html>).

### **Contact Information**

Dave Rowson  
Office of Air and Radiation  
(202) 343-9449  
[rowson.david@epa.gov](mailto:rowson.david@epa.gov)

# Community-Based Radon Reduction

*[www.epa.gov/radon](http://www.epa.gov/radon)*

## **Purpose**

This program encourages community-based testing for radon, fixing problems when high radon levels are found in homes and schools, and building new homes with radon resistant new construction.

## **Community Application**

Communities concerned with exposure to pollutants contributing to cancer would benefit from this community awareness campaign.

## **Program Description**

EPA has developed a Radon Outreach and Education Materials CD-ROM (Draft) for local organizations such as state and local governments, non-profit organizations, and educational institutions. The CD-ROM contains how-to guides, customizable presentations, sample materials and more. These materials can be used to connect with local media, businesses, civic groups, and other organizations. Communities are provided with sample outreach materials including outreach material templates, slide presentations for community and special-interest audiences, publications (available through the national IAQ clearinghouse), and technical support (available through state radon programs and EPA Headquarters program office). EPA assists communities in obtaining low-cost radon testing devices and conducting laboratory analysis of the results. EPA works with communities to identify strategies for fixing homes with high levels of radon. Many strategies include the creation of public private partnerships.

Counties like Erie County, N.Y. have developed materials and programs to inform citizens about the seriousness of radon exposure in their homes. Erie County recently updated its radon awareness video with the help of Buffalo State College. The video encourages and instructs viewers on how to use home radon test kits and mitigation techniques, and also explains contributing factors to the county's radon problems like Erie County's topography and geography. The VHS and DVD forms of this video are used at health fairs and throughout the county schools, and are available at all 52 county public libraries, legislative offices, and by contacting the Erie County Office of Indoor Air Quality.

## **Contact Information**

Susie Shimek  
Office of Air and Radiation  
(202) 343-9054  
[shimek.susie@epa.gov](mailto:shimek.susie@epa.gov)

# Design for the Environment (DfE)

[www.epa.gov/dfe](http://www.epa.gov/dfe)

## Purpose

DfE provides tools and approaches that allow businesses and communities to integrate environmental and health considerations into business decisions.

## Community Application

Any community seeking to promote the use of alternative processes, safer product formulations, and emerging innovative technologies in industry in an effort to reduce chemical emissions and exposures, cut chemical waste, and improve overall safety will benefit from this program.

## Program Description

The DfE Program promotes pollution prevention and risk reduction activities in industrial sectors and surrounding communities. To accomplish this mission, DfE forms partnerships with industry and other interested parties to develop information on environmental and human health impacts, performance, and cost of cleaner technologies and approaches. The program also disseminates information to help businesses design and redesign cost-effective products and processes that are cleaner and safer for workers and the public. It achieves this goal through technical support and advice.

DfE demonstrated that small business auto refinishing shops adopting best practices can reduce toxic paint emissions in the shop and community by roughly 30 percent, or over a ton per shop annually, while saving as much as \$13,000 per year. DfE conducts train-the-trainer workshops for vocational technical instructors, students, trade associations and shops to promote a best practice standard in the auto refinishing industry. If DfE best practices were implemented at all 50,000 auto refinishing shops nationwide, hazardous air emissions could be reduced by 86,000 tons per year and shops could save \$650 million.

## Contact Information

Kathleen Hogan  
Office of Air and Radiation  
(202) 564-9190  
[hogan.kathleen@epa.gov](mailto:hogan.kathleen@epa.gov)



# Energy Star Energy Management & Product Certification

*<http://energystar.gov/>*

## **Purpose**

ENERGY STAR is a government-backed program helping businesses and individuals protect the environment through superior energy efficiency.

## **Community Application**

Any community seeking to improve their green purchasing power and save money while helping the environment will benefit from this program.

## **Program Description**

In 1992 the US Environmental Protection Agency (EPA) introduced ENERGY STAR as a voluntary labeling program designed to identify and promote energy-efficient products to reduce greenhouse gas emissions. Recently, energy prices have become a hot news topic and a major concern for consumers. ENERGY STAR provides a trustworthy label on over 40 product categories (and thousands of models) for the home and office. These products deliver the same or better performance as comparable models while using less energy and saving money. ENERGY STAR also provides easy-to-use home and building assessment tools so that homeowners and building managers can start down the path to greater efficiency and cost savings.

Multiple school districts and government offices have become Energy Star partners throughout the country. By purchasing energy star products, you save energy and dollars which go back into the community. Through its partnerships with more than 8,000 private and public sector organizations, ENERGY STAR delivers the technical information and tools that organizations and consumers need to choose energy-efficient solutions and best management practices. ENERGY STAR has successfully delivered energy and cost savings across the country, saving businesses, organizations, and consumers more than \$9 billion a year.

## **Contact Information**

Kathleen Hogan  
Office of Air and Radiation  
(202) 564-9190  
[hogan.kathleen@epa.gov](mailto:hogan.kathleen@epa.gov)

# Environmental Tobacco Smoke/ Smoke-free Homes

[www.epa.gov/smokefree](http://www.epa.gov/smokefree)

## Purpose

This program encourages parents, caregivers and others to protect children from secondhand smoke especially in the home and car.

## Community Application

All communities seeking to improve indoor air quality, particularly for children, will benefit from this program through motivating parents, caregivers, and others not to smoke in their homes or cars.

## Program Description

Making homes and cars smoke-free helps protect children from bronchitis, pneumonia, more frequent and more severe asthma attacks, respiratory illnesses, ear infections and even sudden infant death syndrome. The program offers health information for parents and asks them to take the Smoke-free Home Pledge to keep their home and car smoke-free. Smoke-free Home information is available in English and Spanish.

The National Association of Counties (NACo) and the National Association of Black County Officials (NOBCO) are successful participants in the Smoke-free Home Program, having received approximately 20,000 pledges through their outreach efforts. Through advocacy of county officials, NACo and NOBCO member counties have participated in national challenges, worked with schools and school districts, and involved their communities in hands on activities that educate the public on the health risks of secondhand smoke to children. Parents, caregivers, and other adults are encouraged to take the Smoke-free Home pledge and, until they can quit, to smoke outside.

## Contact Information

Sheila Brown  
Office of Air and Radiation  
(202) 343-9439  
[brown.sheila@epa.gov](mailto:brown.sheila@epa.gov)



# Green Building Programs

*<http://www.epa.gov/greenbuilding/>*

## Purpose

Green building is the practice of creating healthier and more resource-efficient models of construction, renovation, operation, maintenance, and demolition. EPA's Green Building Programs together strive for a built environment that protects and enhances the health of ecosystems and the public.

## Community Application

Although not a single voluntary program, Green Building programs across EPA collectively provide tools and resources useful to any community seeking to reduce the environmental impacts of building and development projects.

## Program Description

Green Building-related programs across the Agency provide tools and resources covering energy efficiency and renewable energy, water stewardship, environmentally preferable building materials and specifications, waste reduction, indoor environmental quality, smart growth, and sustainable development.

The Environmental Protection Agency partnered with the Office of the Federal Environmental Executive and the multiagency-sponsored Whole Building Design Guide to develop the Federal Guide for Green Construction Specs (<http://fedgreenspecs.wbdg.org>) which address the need for a comprehensive guide for procuring green building construction and renovation services. More than 60 sections are in the Guide covering items from waste management to paint to HVAC. The Guide assists in specifying environmental performance requirements of materials and installation methods as well as prescribing the quality standards of construction procedures to be executed on the project. Additionally, the Guide lays out the contractors' submittal requirements and a key to the building owners' efforts to measure results. EPA intends the Guide to be a living document—expanding into new sections and raising the bar as the green building industry matures.

## Contact Information

Ken Sandler  
Office of Children's Health Protection  
(202) 343-9607  
[sandler.ken@epa.gov](mailto:sandler.ken@epa.gov)

**or**

Alison Kinn Bennett  
Office of Pesticides Prevention  
and Toxic Substances  
(202) 564-8859  
[kinn.alison@epa.gov](mailto:kinn.alison@epa.gov)



# Green Power Partnership

*[www.epa.gov/greenpower](http://www.epa.gov/greenpower)*

## Purpose

The program aims to increase awareness and use of green power through partnerships. Green Power Partners are commercial, industrial, and public sector organizations that pledge to procure an amount of renewable energy proportional to their annual electricity use. EPA provides Partners with benefits and services that include information and support, peer exchange, and public recognition.

## Community Application

Any community interested in moving towards green power will benefit from this program.

## Program Description

Green power is electricity that is generated from resources such as solar, wind, geothermal, biomass, and low-impact hydro facilities. Conventional electricity generation, based on the combustion of fossil fuels, is the nation's single largest industrial source of air pollution. The increasing availability of green power enables electricity customers to accelerate installation of renewable energy technologies. As more green power sources are developed, displacing conventional generation, the overall environmental impacts associated with electricity generation will be significantly reduced.

This program includes the use of green tags as one of the incentives. Green tags allow customers to purchase the renewable attributes of a specific quantity of renewable energy. Green tags are sold separately from electricity and can be purchased from locations throughout the U.S. In this way, a customer can choose green power even if the local utility or marketer does not offer a green power product. One green tag typically represents the renewable attributes associated with one megawatt hour of green power. Through the use of green tags, green power becomes accessible to all.

## Contact Information

Tom Kerr  
Office of Air and Radiation  
(202) 564-0047  
[kerr.tom@epa.gov](mailto:kerr.tom@epa.gov)

# Green Suppliers Network

*[www.epa.gov/greensuppliers](http://www.epa.gov/greensuppliers)*

## **Purpose**

The Green Suppliers Network provides technical assistance to small and medium-sized manufacturers to help them optimize their resources and improve their environmental footprint.

## **Community Application**

Any community seeking to improve the economic vitality and environmental impacts of local manufacturing firms will benefit from this program.

## **Program Description**

This program is beneficial to all communities. It aims to eliminate waste and other environmental impacts from small and medium-sized manufacturing firms by improving process efficiency and material use. By providing technical assistance to these manufacturers to help optimize their resources, larger manufacturers are able to reduce the overall environmental impact in all areas of their supply chains. Participating in the program can result in reduced waste and emissions, improved energy and water efficiency, and additional cost savings. The result is local manufacturers who are more competitive and are able to better contribute to the local economy.

The Green Suppliers Network is working on a place-based initiative with pharmaceutical suppliers in Puerto Rico. By connecting these small suppliers with each other and to their customers, they are able to collectively address many of the specific issues they face in the unique environment of the Island. Participation in the program enables suppliers to build better relationships with their customers, save money, and improve the environment and economy of their community.

## **Contact Information**

Kristin Pierre  
Office of Pesticides Prevention and Toxic  
Substances  
(202) 564-8837  
[Pierre.Kristin@epa.gov](mailto:Pierre.Kristin@epa.gov)

# GreenScapes

[www.epa.gov/greenscapes](http://www.epa.gov/greenscapes)

## Purpose

This program was designed to provide cost-efficient and environmentally friendly solutions for large-scale landscaping.

## Community Application

Any organization, agency, or community with green space would benefit from this program.

## Program Description

GreenScapes preserves natural resources and prevents waste and pollution by encouraging organizations to make more holistic decisions regarding waste generation and disposal. The program also encourages organizations to protect and conserve land, water, air, and energy resources. It is a government-industry partnership program that promotes green land management practices.

Compost made from the food scraps of more than 1,500 food related businesses and thousands of residents in San Francisco is being used on vineyards throughout Northern California's wine country to enhance the quality of the soil. More than 300 tons of food scraps are sent to Jepson Prairie Organics composting facility each day, and 12 vineyards are currently using Jepson's compost. This project is one example of "closing the loop" — organics are taken from San Francisco tables, composted, put back into the soil, and returned to San Francisco restaurants as wine. Chris Choate, regional manager for compost facilities, says, "San Francisco likes the program because it shows how restaurants can do their part to divert waste from the landfills." Linda Hale, vineyard manager at Madrone Vineyards, thought using Jepson's compost was a great opportunity. "Farmers are environmental stewards and must be careful with the soil," she notes. Using compost produced with food scraps allows the vineyard to help both the soil and the environment. "Participating in this program is a win-win situation," agrees Darek Trowbridge, vineyard manager at Everett Ridge Vineyards and Winery. The partnership between Jepson and local vineyards continues to thrive because it is beneficial to the growers and the environment. There are no additional costs for growers, people are seeing the farm and city connection, and the program is in line with U.S. trends towards sustainable and organic agriculture.

## Contact Information

Jean Schwab  
Office of Solid Waste and Emergency Response  
(703) 308-8669  
[schwab.jean@epa.gov](mailto:schwab.jean@epa.gov)

# High Production Volume (HPV) Challenge Program

*[www.epa.gov/chemrtk/volchall.htm](http://www.epa.gov/chemrtk/volchall.htm)*

## Purpose

The HPV Challenge Program will ensure that a baseline set of health and environmental effects data on approximately 2,800 high production volume chemicals (industrial chemicals that are manufactured or imported into the U.S. in volumes of 1 million pounds or more per year) is made available to EPA and the American public.

## Community Application

Through this program, communities will be assured of having access to the type of information that will allow them to actively participate in environmental decision making at all levels.

## Program Description

The HPV Challenge Program is beneficial to all communities because it aims to provide Web site access to health and environmental effects data for many industrial chemicals that have been used in commerce for the last 30 years but which did not have basic screening level information made available to the public. In addition, to ensure that the public has access to baseline health and environmental data for all HPV chemicals, including those “orphan” chemicals not sponsored in this program, the Agency is taking regulatory actions to gather and make this information available through a series of test rules and information gathering rules.

Since it was launched, this voluntary program has brought about significant progress in the collection and availability of previously unpublished health and environmental data resulting in 2,000 chemicals becoming more widely understood by the public. Because the public’s access to HPV chemical information is the cornerstone of the HPV Challenge Program, EPA will launch the HPV Information System (HPVIS), which will provide the public with complete and easy access to critical information on HPV chemicals. HPVIS also has a comprehensive website that allows a wide range of users to search existing data summary information and new data as they are developed. This collection of hazard data will provide the public with basic information about the chemicals that are produced in the largest quantities.

## Contact Information

Diane Sheridan and Jim Alwood  
Office of Pesticides Prevention and Toxic Substances  
(202) 564-8176  
[sheridan.diane@epa.gov](mailto:sheridan.diane@epa.gov) and [alwood.jim@epa.gov](mailto:alwood.jim@epa.gov)

# Hospitals for a Healthy Environment (H2E)

*<http://www.h2e-online.org/index.cfm>*

## Purpose

H2E provides tools for minimizing the volumes of waste generated and the use of persistent, bioaccumulative, and toxic chemicals in hospitals.

## Community Application

Any community seeking to reduce air toxics emissions from hospitals will benefit from this program.

## Program Description

This program aims to minimize waste from hospitals and health care facilities through education and various resources. Potential outcomes include lower health care costs from lower waste disposal costs and benefits to the community and the environment through decreased emissions of mercury and other pollutants.

Kaiser Permanente Northwest Region received a Hospitals for a Healthy Environment 2002 Environmental Leadership Award. The Region instituted a resource conservation program which adhered to a strict, environmentally conscious purchasing program, including the use of only recycled carpet. Furthermore, the Region has made a move towards reusable items for their patients such as reusable cups instead of the traditional disposable cups and pitchers. They have saved large amounts of money which has resulted in customer savings and, in the process, saved communities from potential pollution. General Information Toll Free: 1-800-727-4179 H2E@H2E-online.org Mailing Address: PO Box 53315; Washington, DC 20009

## Contact Information

Chen Wen  
Office of Pesticides Prevention and Toxic Substances  
(202) 564-8849  
Chen.Wen@H2E-online.org



# Indoor Air Quality “Tools for Schools”

*[www.epa.gov/iaq/schools/](http://www.epa.gov/iaq/schools/)*

## **Purpose**

This program aims to help schools improve indoor air quality through inexpensive methods with the aid of an extensive guidance and support kit.

## **Community Application**

Any community seeking to improve the indoor air quality of their schools will benefit from this program.

## **Program Description**

The Indoor Air Quality (IAQ) Tools for Schools Kit shows schools how to carry out a practical plan of action to improve indoor air problems at little or no cost using straightforward activities and in-house staff. The voluntary guidance in IAQ Tools for Schools can save schools time and money so that attention can be directed to educating children. It contains activities for both staff and students.

Burlington School District of Burlington, Vermont, has overcome a tight budget and aging facilities to become a statewide leader and mentor in promoting good IAQ for students and staff. Burlington emphasized broad cooperation, clever, low-cost fixes, and good communication. The district implemented an anti-idling policy and employed direct communication and cooperation with vendors, which helped solve IAQ problems created by an air intakes location near two schools' loading docks. Burlington utilized multiple grants to purchase HEPA vacuum cleaners and to make improvements in several school HVAC systems. A new emergency response system enables school or community members to report IAQ concerns by writing a simple ticket, establishing a detailed tracking system and allowing the district to respond quickly to concerns. The effects have been remarkable, demonstrated by a drop in one school's annual absenteeism rates among asthmatic students from 31 days to 2 days in just one year.

## **Contact Information**

David Rowson  
Office of Air and Radiation  
(202) 343-9449  
[rowson.david@epa.gov](mailto:rowson.david@epa.gov)



# Integrated Pest Management in Schools

*<http://www.epa.gov/pesticides/ipm>*

## Purpose

This program builds partnerships with universities, who are developing training programs, school districts doing Integrated Pest Management (IPM) pilot programs, and non-profit organizations developing IPM models and certification programs. The overall goal is to get schools to adopt IPM practices to control pests in their facilities.

## Community Application

All communities have schools. Implementing school IPM provides a segue for healthier homes and an overall safer environment for us all.

## Program Description

IPM in Schools is a voluntary program that forms partnerships with organizations with goals to protect public health and provide a safe environment to implement IPM in schools programs. Two virtual IPM Centers for Schools and Day Cares - Purdue University (1-877-668-8476) and Texas A&M University (1-877-747-6872) - were funded by EPA to enhance adoption of IPM. These and other partnerships continue to leverage dollars from many different sources to continue their work in schools.

IPM Institute of North America, Inc. is working to increase the adoption of IPM in schools nationwide. The Institute has created IPM Star, a school certification program, and helped to implement the program in several school districts, including: Newton, MA; Anne Arundel County, MD; New York City, NY; Kyrene, AZ; Auburn, AL; Buffalo, NY and Pittsburgh, PA. For more information, visit their website at: <http://www.ipminstitute.org/school.htm>

The Monroe IPM Model is a 22 step process reliant on intensive communication and partnership and based on sound pest management as practiced by national experts. For more information, visit their website at: [http://www.mccsc.edu/~mccscipm/html/reg/ipmodel/ipmodel\\_steps.htm](http://www.mccsc.edu/~mccscipm/html/reg/ipmodel/ipmodel_steps.htm)

## Contact Information

Sherry Glick  
Office of Pesticides Prevention and Toxic Substances  
(702) 784-8276  
[Glick.sherry@epa.gov](mailto:Glick.sherry@epa.gov)

# Landfill Methane Outreach Program

*[www.epa.gov/lmop](http://www.epa.gov/lmop)*

## **Purpose**

This program aims to increase the reuse of the natural gases emitted from landfills due to the decaying process.

## **Community Application**

Any community wishing to utilize an alternative, renewable, green energy source will benefit from this program.

## **Program Description**

The U.S. EPA's Landfill Methane Outreach Program (LMOP) is a voluntary assistance program that helps to reduce methane emissions from landfills by encouraging the recovery and use of landfill gas as an energy resource. LMOP forms partnerships with communities, landfill owners, utilities, power marketers, states, project developers, tribes, and non-profit organizations to help partners overcome barriers to project development. Program assistance includes helping partners assess project feasibility, find financing, and market the benefits of project development to the community. EPA launched LMOP to encourage productive use of this resource as part of the United States' commitment to reduce greenhouse gas emissions under the United Nations Framework Convention on Climate Change.

In the year 2003, all operational LFG energy projects in the United States prevented the release of 17.7 million metric tons of carbon equivalent. This reduction is the carbon equivalent of removing the emissions from 14.3 million cars on the road or planting 19.3 million acres of forest for one year. These reductions also have the same environmental benefit as preventing the use of 152 million barrels of oil or offsetting the use of 320,000 railcars of coal.

## **Contact Information**

Paul Gunning  
Office of Air and Radiation  
(202) 343-9736  
[gunning.paul@epa.gov](mailto:gunning.paul@epa.gov)

# National Clean Diesel Campaign

*[www.epa.gov/cleandiesel](http://www.epa.gov/cleandiesel)*

## **Purpose**

This program offers information, technical support, and assistance funding to help communities reduce exposure to diesel exhaust from both new and existing diesel engines.

## **Community Application**

Any community aiming to reduce toxic emissions through diesel retrofits would benefit from this program.

## **Program Description**

The National Clean diesel Campaign is promoting the reduction of emissions through a variety of cost-effective and innovative strategies, including switching to cleaner fuels, retrofitting, repairing, repowering, replacement and idle reduction, among others. The program also verifies emissions reductions of retrofit technologies.

There are approximately 220 cleaner diesel projects nationwide, located in 44 States and the District of Columbia. Over 500 partners are participating in the projects. These partners' contributions have leveraged federal funds by over 2:1. In addition, over 20 States and the District of Columbia are using ultra-low sulfur diesel fuel well ahead of EPA's 2006 mandate as a result of the National Clean Diesel Campaign.

## **Contact Information**

Jim Blubaugh  
Office of Air and Radiation  
(202) 343-9244  
[blubaugh.jim@epa.gov](mailto:blubaugh.jim@epa.gov)



# National Environmental Performance Track

*[www.epa.gov/performance-track](http://www.epa.gov/performance-track)*

## **Purpose**

The aim of the program is to recognize and encourage top environmental performance among private and public facilities, which go beyond compliance with regulatory requirements to achieve environmental excellence.

## **Community Application**

All communities seeking to recognize the beyond compliance accomplishments of their facilities will benefit from this program.

## **Program Description**

Performance Track is a public/private partnership recognizing top environmental performance among participating U.S. facilities of all types, sizes, and complexity, public and private. Program partners are providing leadership in many areas, including preventing pollution at its source. Currently, the program has 344 members and welcomes all qualifying facilities. Applications are accepted twice a year. Some of the benefits of the program include recognition and technical support.

The Virginia Department of Environmental Quality (DEQ) has partnered with Performance Track to reward Virginia facilities with top environmental performance and compliance beyond regulatory standards. The state of Virginia recognizes outstanding facilities through the Virginia Environmental Excellence Program (VEEP) and announced in August 2003 that Performance Track members do not need to follow the traditional application process for VEEP. Performance Track members will be admitted into the higher tier of the program through submittal of a letter of request to Virginia DEQ.

## **Contact Information**

Julie Spyres  
Office of Policy Economics and Innovation  
(202) 566-2885  
[spyres.julie@epa.gov](mailto:spyres.julie@epa.gov)

# National Nonpoint Source Management Program

*[www.epa.gov/owow/nps](http://www.epa.gov/owow/nps)*

## **Purpose**

This program aims to help communities reduce nonpoint source pollution or polluted runoff entering local rivers, streams, lakes and wetlands.

## **Community Application**

Any community wanting to decrease nonpoint source pollutants will benefit from this program.

## **Program Description**

Nonpoint source pollution is caused by rainfall or snowmelt moving over and through the ground. As the runoff moves, it picks up and carries away natural and human-made pollutants, finally depositing them into lakes, rivers, wetlands, coastal waters, and even our underground sources of drinking water. This program, authorized under Section 319 of the Clean Water Act, offers financial assistance and outreach materials to prevent and clean up pollution.

California's major water supply reservoirs are located on rangeland, and eight of the state's major drainage basins are dominated by commonly grazed vegetation. Most of this rangeland is in private ownership. The water quality problems associated with this grazing include nutrients and pathogens, erosion, and sedimentation. Some of the more serious impacts have threatened the state's drinking water supply with bacterial contamination and caused significant declines in the state's cold-water salmon and steelhead trout fishery. With funding from EPA, the University of California Cooperative Extension, in cooperation with the California Cattlemen's Association and others, has developed and is presenting a voluntary Ranch Water Quality Planning Short Course. In the course, ranchers receive information to assist them in making an assessment of nonpoint source pollution on their land and to help them determine the extent to which their operation might be contributing to water quality problems.

## **Contact Information**

Dov Weitman  
Office of Water  
(202) 566-1207  
[weitman.dov@epa.gov](mailto:weitman.dov@epa.gov)

# National Partnership for Environmental Priorities

*[www.epa.gov/epaoswer/hazwaste/minimize/index.htm](http://www.epa.gov/epaoswer/hazwaste/minimize/index.htm)*

## Purpose

The goal of the program is to encourage the elimination or minimization of hazardous and industrial wastes, particularly those waste streams containing one or more of the 31 priority chemicals.

## Community Application

Any community seeking to reduce the amount of waste generated and lower the toxicity and persistence of those wastes that are unavoidable will benefit from this program.

## Program Description

EPA's National Partnership for Environmental Priorities (NPEP) focuses efforts on reducing 31 Priority Chemicals found in our nation's products and wastes by finding solutions that eliminate or substantially reduce the use of Priority Chemicals in production, or on recovering or recycling these chemicals where they cannot easily be eliminated or reduced at the source. This is done through partnerships with public and private organizations. These partnerships offer recognition and technical support to recipients.

Shell developed arrangements that now enable spent lead oxide catalyst to be recycled to recover the lead value instead of sending it to land disposal. In the last year, this resulted in sending 65 tons of spent catalyst to be recycled, recovering the 12 tons of lead that it contained. Lead recovery was chosen as a goal because it was the last sizeable hazardous waste stream that was routinely disposed. Since it contained lead, a Priority Chemical, it was a good fit for participation in the National Partnership for Environmental Priorities. The lead is recovered by using it as feedstock to secondary lead smelting, the same process that is used to recover lead from automobile batteries.

## Contact Information

Newman Smith  
Office of Solid Waste and Emergency  
Response  
(703) 308-8871  
[smith.newman@epa.gov](mailto:smith.newman@epa.gov)

# Natural Gas Star

*[www.epa.gov/gasstar](http://www.epa.gov/gasstar)*

## Purpose

This program aims to reduce methane emissions from natural gas operations by identifying and promoting the implementation of mitigation technologies and management practices.

## Community Application

All communities with oil and natural gas production facilities within the community that wish to reduce greenhouse gas emissions will benefit from this program.

## Program Description

The Natural Gas STAR Program is a flexible, voluntary partnership between EPA and the oil and natural gas industry. Through the Program, EPA works with companies that produce, process, transmit and distribute natural gas to identify and promote the implementation of cost-effective technologies and practices to reduce emissions of methane, a potent greenhouse gas.

Since the Program began in 1993, Natural Gas STAR partners have eliminated more than 275 billion cubic feet of methane emissions through the implementation of the Program's core Best Management Practices, as well other activities identified by partner companies. This is the equivalent of removing more than 24 million cars from the road for one year or planting 33 million acres of trees. At the same time, these companies have saved \$825 million by keeping more gas in their systems for sale in the market.

## Contact Information

Paul Gunning  
Office of Air and Radiation  
(202) 343-9736  
[gunning.paul@epa.gov](mailto:gunning.paul@epa.gov)





# Pesticide Environmental Stewardship Program

*<http://www.epa.gov/opppdpd1/PESP/index.htm>*

## Purpose

This program aims to reduce risk from the use of pesticides and to go beyond regulatory requirements to a higher level of environmental stewardship for pest management.

## Community Application

All communities aiming to reduce pesticide risks within the community will benefit from this program.

## Program Description

The Pesticide Environmental Stewardship Program (PESP) is a voluntary program that forms partnerships with pesticide users to reduce the health and environmental risks associated with pesticide use and implement pollution prevention strategies. EPA started the program in 1994. Grants are available to assist with risk reduction. Each PESP Partner and Supporter is provided an EPA Liaison, from the Office of Pesticide Programs or an EPA Regional Office, who works with the member to provide information and assistance in developing and implementing their Strategy. The EPA Liaisons are these organizations' single-point customer service representatives at EPA. They provide information on EPA activities, assist in developing the Strategy, and provide information on funding opportunities to support Strategy implementation.

To date, there are well over 150 program members and supporters throughout the country. Members submit a strategy outlining their plan for pesticide risk reduction which is posted online for public viewing.

## Contact Information

Stephen Morrill  
Office of Pesticides Prevention and Toxic  
Substances  
(703) 308-8319  
[morrill.stephen@epa.gov](mailto:morrill.stephen@epa.gov)



# Plug-In To eCycling

*[www.pluginstorecycling.org](http://www.pluginstorecycling.org)*

## **Purpose**

The aim of the program is to increase the number of convenient and low-cost opportunities for citizens to recycle their old electronics, and to increase awareness and desire to recycle these products

## **Community Application**

All communities with a desire to recycle electronics will benefit from this program.

## **Program Description**

Plug-In To eCycling is a consumer electronics campaign working to increase the number of electronic devices collected and safely recycled in the United States. Launched in January 2003, Plug-In To eCycling is one component of EPA's Resource Conservation Challenge. Plug-In To eCycling focuses on three major areas: providing the public with information about electronics recycling and increasing opportunities to safely recycle old electronics; facilitating partnerships with communities, electronics manufacturers, and retailers to promote shared responsibility for safe electronics recycling; and establishing pilot projects to test innovative approaches to safe electronics recycling.

Staples, Inc partnered with the Product Stewardship Institute (PSI) to conduct a six-week pilot program to measure the success of retail-based electronics recycling. This pilot tested and measured the reverse distribution process as a unique strategy for transporting old computers and other business equipment from consumers to recyclers. This process uses the same channels that provide the new products to customers to collect and transport the old electronics to the distribution centers. In the summer of 2004, Plug-In partner Staples tested the two-pronged approach to its reverse-distribution system. Delivery trucks transported old electronics from 14 small business customers and 27 retail stores in New England to distribution centers, where the electronics were gathered for recycling. Staples, the Product Stewardship Institute, 10 partnering manufacturers and Envirocycle, Inc. recycled over 115,000 lbs. of unwanted electronic equipment during the six-week pilot.

## **Contact Information**

Katharine Kaplan Osdoba  
Office of Solid Waste and Emergency  
Response  
(703) 308-8659  
[osdoba.katharine@epa.gov](mailto:osdoba.katharine@epa.gov)

# Smart Growth Program

*[www.epa.gov/smartgrowth/](http://www.epa.gov/smartgrowth/) and [www.smartgrowth.org](http://www.smartgrowth.org)*

## Purpose

To help states and communities better understand the impacts of development patterns, and realize the environmental, economic, community and public health benefits of smart growth.

## Community Application

Most development decisions are made at the local level. Communities wishing to make more informed decisions about growth and development may take advantage of the information and resources provided by EPA's Smart Growth Program and by the Smart Growth Network.

## Program Description

The Smart Growth Program provides information and technical assistance to help communities implement successful development strategies. Additional assistance is also available through the Smart Growth Network, a group of diverse organizations who work together to create and promote innovative smart growth tools.

Davidson, NC was a Winner of EPA's 2004 National Award for Smart Growth Achievement. To preserve and enhance Davidson's character, the town adopted the Davidson Land Plan in 1995 and an innovative Planning Ordinance in 2001. The ordinance seeks significant public involvement, a critical component for any community that wants to plan where and how it will grow. The town requires pedestrian, bicycle, and street circulation plans for all new development. Streets are designed to discourage cars from speeding, making it easier for Davidson's 7,800 residents to walk and bicycle around the town. To further encourage walking, the town requires narrow, tree lined streets with on-street parking and sidewalks on both sides of the street. Recognizing that housing prices can sometimes increase when a community creates great places to live, the town requires that 12.5 percent of all new housing be affordable to families making less than the county's median family income. Davidson's plan and ordinance have allowed the town to build on its strengths while accommodating new growth.

## Contact Information

Development Community and Environment  
Division  
Office of Policy Economics and Innovation  
(202) 566-2878  
[smartgrowth@epa.gov](mailto:smartgrowth@epa.gov)

# SmartWay Transport

*[www.epa.gov/smartway](http://www.epa.gov/smartway)*

## Purpose

The goal of the SmartWay Transport program is to create low emission, high fuel efficient freight vehicles, and improve the environmental performance and fuel efficiency of the US freight sector. The program uses a voluntary market incentive system that encourages retailers/end users to choose freight companies that are environmental leaders in their respective industry segments.

## Community Application

All communities with shipping needs will benefit from this program.

## Program Description

SmartWay Transport Partners represent commercial, industrial, and public sector organizations that commit to improve fuel efficiency, reduce greenhouse gas emissions, and air pollution of their ground freight transportation. EPA provides Partners with benefits and services that include fleet management and emissions modeling tools, technical support, information, public recognition, and, for exceptional environmental performers, use of the SmartWay Transport Partner logo.

There are currently over 125 companies signed on as partners. These companies have all committed to improve the environmental performance of their freight operations and go beyond compliance in their environmental planning. The list of participating companies is available online at [www.epa.gov/smartway/partners.htm](http://www.epa.gov/smartway/partners.htm).

## Contact Information

Mitch Greenberg  
Office of Air and Radiation  
(202) 564-9269  
[greenberg.mitchell@epa.gov](mailto:greenberg.mitchell@epa.gov)

# Source Water Protection Program

*[www.epa.gov/safewater/protect.htm](http://www.epa.gov/safewater/protect.htm)*

## Purpose

To prevent the contamination of source water -- the untreated water from streams, rivers, lakes or underground aquifers which is the supply of private wells and public drinking water.

## Community Application

Protecting source water makes sense for any community. It makes good public health sense, good economic sense, and good environmental sense.

## Program Description

Preventing contamination of drinking water supplies is an important mission within EPA's Office of Ground Water and Drinking Water. The Source Water Protection Program provides basic information about the water used for drinking water and the federal, state and local programs that assess and manage potential public health risks, including a Web Guide — an annotated guide to EPA source water resources. Resources include assessment information, training resources, information about funding sources, and local case studies.

In remote parts of Alaska, native villagers continue to choose traditional water supplies — snow melt, roof catchments, surface waters and natural springs — over available treated supplies. To assess and communicate the health impacts of traditional water use, a steering committee of local community and tribal members as well as university and government professionals, developed a statewide survey of water sources and distribution sites. The steering committee used traditional communication methods — including dances and skits — at popular potluck celebrations in three pilot communities. Similarly, the committee combined videos and traditional storytelling to share test results at operator workshops throughout Alaska. Next steps include recommendations for improved access and water use options for families and continued research on treatment alternatives that meet local needs.

## Contact Information

Roy Simon  
Office of Water  
(202) 564-3867  
[simon.roy@epa.gov](mailto:simon.roy@epa.gov)

# Voluntary Diesel Retrofit Program

*[www.epa.gov/cleandiesel](http://www.epa.gov/cleandiesel)*

## Purpose

This program, which is a part of EPA's National Clean Diesel Campaign, offers information and technical support on retrofitting diesel engines to cut down toxic emissions.

## Community Application

Any community aiming to reduce toxic emissions through diesel retrofits would benefit from this program.

## Program Description

The program helps fleet owners and operators, state and local government air quality planners, and retrofit and engine manufacturers to understand diesel retrofits and obtain information they need to create effective retrofit projects. There is technical support as well as grants and other tools to expedite the retrofit process. In addition, the program works with industry to introduce verified technologies to the market as cost effectively as possible, while providing customers with confidence that verified technologies will provide emissions reductions as advertised.

On February 23, 2005, EPA announced the award of \$1.6 million to grantees for projects designed to demonstrate effective emissions reduction strategies for diesel fleets. The grantees are state and local governmental organizations, including air agencies and port authorities, and non-governmental organizations. Each demonstration project reduces the impacts of pollution on a population that is especially susceptible to the effects of diesel exhaust, including children, the elderly and the chronically ill. The 18 recipients will utilize funding to retrofit a variety of diesel vehicles, including construction, agricultural and port equipment, refuse haulers, fire trucks, ambulances and locomotives. Criteria for selection included evaluation of each proposal's implementation plan, air quality benefits, diversity of technology application, vehicle type and geographic location, originality, and the likelihood of success of the project.

## Contact Information

Dennis Johnson  
Office of Air and Radiation  
(202) 343-9278  
[Johnson.dennis@epa.gov](mailto:Johnson.dennis@epa.gov)

# Volunteer Water Monitoring Program

*[www.epa.gov/owow/monitoring/monintr.html](http://www.epa.gov/owow/monitoring/monintr.html)*

## Purpose

To encourage support of volunteers throughout the country who are trained to monitor water quality conditions (physical, chemical, and biological). Volunteer monitoring programs may share their data with local and state governments, and often become involved in watershed stewardship and education.

## Community Application

Any community with concerns about the quality of water in their rivers and streams will benefit from this program.

## Program Description

The program offers tools and assistance for volunteers interested in monitoring their local water quality. EPA offers guidelines and instructions for monitoring various bodies of water. They also provide lists of local monitoring groups and suggestions on how to start a new group. Many of the volunteer groups work closely with staffers from local and state environmental agencies. They offer advice and disseminate the data collected.

Ten years ago, the Illinois Department of Natural Resources (IDNR) piloted the RiverWatch volunteer monitoring program. During that time, RiverWatch has trained more than 1,500 volunteers to perform biological monitoring on more than 500 stream sites. The program's success has served as the inspiration, model, and springboard for the EcoWatch Network, an ambitious statewide volunteering program that incorporates RiverWatch, ForestWatch, PrairieWatch and UrbanWatch.

## Contact Information

Alice Mayo  
Office of Water  
(202) 566-1184  
[mayio.alice@epa.gov](mailto:mayio.alice@epa.gov)





# WasteWise

[www.epa.gov/wastewise](http://www.epa.gov/wastewise)

## Purpose

This program aims to assist and challenge businesses, institutions, and governments to find savings and increase efficiency through innovative waste reduction activities.

## Community Application

All communities seeking to reduce solid waste will benefit from this program.

## Program Description

WasteWise is a free, voluntary, EPA program through which organizations eliminate costly municipal solid waste and select industrial wastes, benefiting their bottom line and the environment. WasteWise is a flexible program that allows partners to design their own waste reduction programs tailored to their needs. The benefits, apart from the immediate financial savings, include technical support, public recognition and access to forums and conferences.

Following a competitive selection process, WasteWise named 12 “Partners of the Year” in 2004. WasteWise Partners of the Year are those partners who achieved and reported the most impressive waste reduction results for 2003. WasteWise also recognized 15 Program Champions and 16 Honorable Mentions who made noteworthy accomplishments in waste prevention, recycling collection, and buying or manufacturing recycled-content products in 2003. WasteWise also inducted two new members into its Hall of Fame. The Hall of Fame recognizes partners that continually excel in waste reduction efforts, provide ongoing support to the WasteWise program, and serve as role models for other partners. Awards are given annually.

## Contact Information

Terry Grist  
Office of Solid Waste and Emergency  
Response  
(703) 308-7257  
[grist.terry@epa.gov](mailto:grist.terry@epa.gov)

# Water Use Efficiency Program

*[www.epa.gov/water-efficiency/](http://www.epa.gov/water-efficiency/)*

## **Purpose**

This program is designed to help states, municipalities and homeowners make informed decisions about efficient water use.

## **Community Application**

Efficient water use can help communities reduce the need for costly water supply and wastewater treatment facilities, maintain local stream flows and healthy aquatic habitats, and reduce the energy used to pump, heat and treat water.

## **Program Description**

To promote efficient water use, EPA's primary role is to provide technical assistance and information concentrating on 1) improved management practices, 2) better science, 3) effective planning and coordination, 4) market incentives, and 5) public education.

## **Contact Information**

John Flowers  
Office of Water  
(202) 564-0624  
[water\\_efficiency@epa.gov](mailto:water_efficiency@epa.gov)





For more information call toll free at 1-877-CARE 909  
or visit the CARE web site at [www.epa.gov/CARE](http://www.epa.gov/CARE).